

CLAIMS:

1. A die plate for a stamping machine, the die plate including:
a plate steel back to be secured to the machine;
a metal impression layer secured to the steel back and to engage a substrate to
5 impart an image thereto upon pressure being applied to the die plate and substrate by the machine; and
a compressible adhesive securing the image layer to the steel back.
2. The die plate of claim 1 wherein the compressible adhesive is an acrylic polymer.
- 10 3. The die plate of claim 1 wherein the adhesive is an epoxy resin.
4. The die plate of claim 1 wherein its compressible adhesive is a phenolic based resin.
5. The die plate of any one of claims 1 to 4 wherein the impression layer is formed of brass, steel, copper, zinc, magnesium, aluminium or photo-polymer.
- 15 6. The die plate of any one of claims 1 to 5 wherein said die plate has iron embedded in the adhesive.
7. The die plate of claim 6 wherein the iron embedded in said adhesive is in a particle form.
8. The die plate of claim 6 wherein the iron embedded in said adhesive is
20 in the form of a mesh.
9. The die plate of claim 6 wherein the iron embedded in said adhesive is in the form of a perforated plate.
10. The die plate of any one of claims 1 to 9 wherein the plate has thickness of about 0.25 mm to about 1 mm.
- 25 11. The die plate of claim 10 wherein the die plate has a thickness of about 0.25 mm.
12. The die plate of claim 10 wherein the die plate has a thickness of about 0.6 mm.